

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	(US-20050001914-\$).did. or (US-5585847-\$ or US-5693948-\$ or US-5693968-\$ or US-5703639-\$ or US-5734740-\$ or US-5742659-\$ or US-6252627-\$ or US-5986267-\$ or US-5510894-\$ or US-5965910-\$ or US-5141609-\$ or US-5198816-\$ or US-6822213-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/09/22 13:54
L2	154240	(spectroscopy or spectrograph\$1 or spectrometer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:20
L3	7	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:55
L4	738410	CCD or camera or imager or (imag\$3 adj1 (sens\$3 or array or pick\$1up or device or array or apparatus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:54
L5	3494	(binned or binning)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:55
L6	62403	(dynamic adj1 range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:55
L7	86	2 and 4 and 5 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:55
L8	738410	CCD or camera or imager or (imag\$3 adj1 (sens\$3 or array or pick\$1up or device or array or apparatus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:55
L9	3494	(binned or binning)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:33
L10	102874	(spectroscopy or spectrograph\$1 or spectrometerr\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:55
L11	62403	(dynamic adj1 range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:55

L12	74	L8 and L9 and L10 and L11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:56
L13	12	7 not 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:56
L16	1	("5986267").URPN.	USPAT	OR	OFF	2005/09/22 14:19
L17	3	("5432335" "5821547" "5838372").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/22 14:19
L18	23111	(spectroscop\$4 or spectrograph\$1 or spectrometer\$1).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:20
L19	1337	4 and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:20
L20	119	6 and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:20
L21	14	6 and 19 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:20
L22	0	"6115065".pn. and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:32
L23	101	(binned or binning).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:35
L24	16	23 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:34
L25	1	23 and 8 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:35
L26	1	23 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:34

L27	358	(binned or binning) with (rows or region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:36
L29	12	27 same 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:35
L30	72	27 and 8 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:36
L31	57	(binned or binning) same 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:37
L32	46	8 and 31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 14:37
S19	2	"5675411".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:02
S20	2	"6175383".pn:	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:02
S21	738410	CCD or camera or imager or (imag\$3 adj1 (sens\$3 or array or pick\$1up or device or array or apparatus))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:54
S22	3494	(binned or binning)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:55
S23	102874	(spectroscopy or spectrograph\$1 or spectrometerr\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:54
S27	62403	(dynamic adj1 range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:55
S28	74	S21 and S22 and S23 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:23

S30	286	S21 and S22 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:32
S31	212	S30 not S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:33
S32	4490564	(region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:33
S33	278	S21 and S22 and S27 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:44
S34	616	S22 same S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:44
S35	0	S33 not S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:44
S36	103	S21 and S27 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:46
S37	262	(binned or binning) near3 (S32 or two)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:45
S38	50	S21 and S27 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:46
S39	63	S36 not S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:46
S40	20	(binned or binning) near1 (row\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:48
S41	42	(binned or binning) near1 (line\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:48

S42	48	(binned or binning) near1 (region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:48
S43	24	(S40 or S41 or S42) and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:49
S44	39	S21 same S22 same S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:49
S45	11	S21 with S22 with S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:50
S46	68	S21 same S22 same S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 10:51
S47	57	S46 not S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/22 13:07

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	709874	CCD or imager or camera or (imag\$3 adj1 (sens\$3 or pick\$1up or captur\$3 or device or apparatus or array))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:14
S2	59577	dynamic adj1 range	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:21
S3	16569	(signal\$1to\$1ratio) or (SNR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:21
S4	6968	bin\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:25
S5	124	(pixel adj1 bin\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:22
S6	178	((S1 same S4) or (S1 and S5)) and (S2 or S3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:26
S7	51	((S1 same S4) or (S1 and S5)) and (S2 or S3) and spectroscop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:23
S8	649	S4 same (region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:32
S9	50	S5 same (region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:26
S10	74	((S1 same S8) or (S1 and S9)) and (S2 or S3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:28
S11	31	((S1 same S8) or (S1 and S9)) and (S2 or S3) and spectroscop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:28
S12	294	S4 with (region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:28

S13	23	S5 with (region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:28
S14	7	((S1 same S12) or (S1 and S13)) and (S2 or S3) and spectroscop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:28
S15	31	((S1 same S12) or (S1 and S13)) and (S2 or S3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:29
S16	188	S1 same S4 same (region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:32
S17	27	S1 same S4 same (region\$1 or area\$1) same rows	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 10:59
S18	66	S1 same S4 same rows	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 11:08
S21	72	356/300-334.ccls. and CCD and (binning or binned)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:09
S23	74	CCD and (binning or binned) and S2 and spectroscop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:14
S24	253	CCD and (binning or binned) and spectroscop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:09
S25	60	S23 not S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:10
S26	338471	CCD or imager or (imag\$3 adj1 (sens\$3 or pick\$1up or captur\$3 or device or apparatus or array))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:14
S29	5	"6801309".pn. "6252627".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:15

S31	87	S26 and (binning or binned) and spectroscop\$4 and (S2 or S3) and (rows or region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:21
S32	87	S26 and (binning or binned) and spectroscop\$4 and (S2 or S3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:20
S34	269	S26 and (binning or binned) and spectroscop\$4 and (rows or region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:22
S35	274	S26 and (binning or binned) and (S2 or S3) and (rows or region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:21
S36	187	S35 not S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:21
S37	182	S34 not (S31 or S32)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/06 14:22
S38	6	(US-5742659-\$ or US-5693948-\$ or US-5986267-\$ or US-5585847-\$ or US-6801309-\$ or US-6252627-\$). did.	USPAT	OR	OFF	2005/05/06 14:31
S39	5	S38 and (S2 or S3)	USPAT	OR	OFF	2005/05/06 14:28
S42	5	S38 and (binned or binning)	USPAT	OR	OFF	2005/05/06 14:33
S45	3	S38 and (spectroscop\$4)	USPAT	OR	OFF	2005/05/06 14:33
S46	0	S45 not S38	USPAT	OR	OFF	2005/05/06 14:33
S47	3	S38 not S45	USPAT	OR	OFF	2005/05/06 14:33

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	709263	CCD or imager or camera or (imag\$3 adj1 (sens\$3 or pick\$1up or captur\$3 or device or apparatus or array))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:14
S2	59503	dynamic adj1 range	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:15
S3	5938	(short\$2) near2 (accumulat\$3 or integrat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:18
S4	9988	(long\$2) near2 (accumulat\$3 or integrat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:18
S5	130632	spectroscop\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:55
S6	13	S1 and S2 and S3 and S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:24
S7	1102	S1 and S2 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 09:23
S8	269946	first near2 (region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 15:10
S9	236737	second near2 (region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 15:12
S10	121	S1 and S2 and S8 and S9 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 15:12
S11	7573	356/300-334.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:20
S12	3113	S11 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:20

S13	401	S11 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:20
S14	159	S11 and S2 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:25
S15	792	spectral adj1 imaging	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:25
S16	186	"348"/\$.ccls. and (S5 or S15)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:27
S17	38	"348"/\$.ccls. and (S5 or S15) and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:04
S18	18	S1 and S2 and S3 and S4 and S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:35
S19	213	S1 and S2 and S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:35
S20	1314	S1 and S2 and S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:35
S21	3563	S8 with S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:36
S22	3182	S9 with S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:36
S23	239	S21 and S22 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:42
S24	8	S19 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:42

S25	784	(first near2 (region\$1 or area\$1)) near2 (adding or summing or combining or combination)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:45
S26	635	(second near2 (region\$1 or area\$1)) near2 (adding or summing or combining or combination)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:46
S27	3	S1 and S2 and S25 and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:46
S28	9107	(rows or lines) near2 (adding or summing or combining or combination)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:49
S29	89	S1 and S2 and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:47
S30	3141	(rows or lines) near2 (averag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:52
S31	22597	S1 and S2 adn S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:49
S32	74	S1 and S2 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:49
S33	5	S8 and S9 and S2 and fossum.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:53
S34	1	S8 and S9 and S2 and fowler.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:53
S35	0	S8 and S9 and S2 and guidash.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:53
S36	0	S8 and S9 and S2 and gowda.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:54

S37	19	S8 and S9 and S2 and merrill.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:54
S38	0	S8 and S9 and S2 and pixim.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:54
S39	0	S8 and S9 and S2 and omnivision. as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:54
S40	17	(S5 or S15) and S2 and 348/207. 99-376.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:56
S41	14	(S5 or S15) and S2 and 250/208.1. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:57
S42	44	(S5 or S15) and S2 and "257"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:58
S43	2799	S1 same S8 same S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:58
S44	321	S2 and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 13:58
S45	0	("6801309").URPN.	USPAT	OR	OFF	2005/05/03 15:09
S46	4	("20030107733" "4820048" "5128549" "5872630").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/03 15:09
S47	1146	S1 and (region\$1 or area\$1) and S11.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 15:12
S48	103	(S1 same ((split\$3 or divid\$3 or two) with (region\$1 or area\$1))) and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 15:12
S49	541	(S1 same (region\$1 or area\$1)) and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 15:12

S50	149	S47 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 15:12
S51	19	S48 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 08:42
S52	90	S49 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 15:13
S53	4314767	region\$1 or area\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:30
S54	709263	CCD or imager or camera or (imag\$3 adj1 (sens\$3 or pick\$1up or captur\$3 or device or apparatus or array))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:40
S55	9076	((n) adj1 (rows or columns)) or (n\$1rows) or (n\$columns)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:15
S56	7627	((m) adj1 (rows or columns)) or (m\$1rows) or (m\$columns)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:15
S57	59503	dynamic adj1 range	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:15
S58	119	S53 and S54 and S55 and S56 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:17
S59	27	(S53 same S55 same S56) and S54 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:18
S60	306569	columns	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:21
S61	338245	rows	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:22

S62	667	(S53 same S60 same S61) and S54 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:22
S63	324631	image\$1 with (region\$1 or area\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:25
S64	255	(S63 same S60 same S61) and S54 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:23
S65	412	S62 not S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:23
S66	2083	image\$1 with (region\$1 or area\$1) with S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:28
S67	2591	image\$1 with (region\$1 or area\$1) with S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:25
S68	100	(S66 same S67) and S54 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:25
S69	21498	image\$1 with (region\$1 or area\$1) with (divid\$3 or split\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:31
S70	4121	S54 with (region\$1 or area\$1) with (divid\$3 or split\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:29
S71	712	S69 and S54 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:29
S72	246	S70 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:29
S73	667	S54 with (region\$1 or area\$1) with (divid\$3 or split\$3) with two	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:30

S74	38	S73 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:30
S75	3219	image\$1 with (region\$1 or area\$1) with (divid\$3 or split\$3) with two	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:31
S76	125	S75 and S57 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:32
S77	72	((S54 or imaging) with S53 with S60 with S61) and S54 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:34
S78	117091	S53 with separate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:35
S79	190766	two near2 S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:35
S80	106	(S53 with separate with S54) and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:40
S81	4730	(S54 or imaging) with (first near2 S53)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:40
S82	4155	(S54 or imaging) with (second near2 S53)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:40
S83	263	S54 and S57 and S81 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:42
S84	492	first near3 S53 near4 (S60)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:46
S85	526	second near3 S53 near4 (S60)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:47

S86	2	S54 and S57 and S84 and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:48
S87	331797	first near3 S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:46
S88	76	S54 and S57 and S87 and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:49
S89	289176	second near3 S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:47
S90	7	S88 not silverbrook	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:48
S91	8	S54 and S57 and S84 and S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:48
S92	458	S53 with S54 with S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:50
S93	12	S53 with S54 with S57 with (divid\$3 or split\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 09:51
S94	458	S53 with S54 with S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:11
S95	298	((imaging or S54) with (top or bottom) with (portion or region or pixel\$1)) same (exposure or S57)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:13
S96	4	((imaging or S54) with (top or bottom) with (rows)) same (exposure or S57)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:15
S97	43	misleh.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:13

S98	15	("20020057349" "4689686" "4783702" "4985776" "5181118" "5278657" "5438365" "6005612" "6185270" "6342922" "6400404" "6452634" "6459849" "6519000" "6529236").PN. OR ("6686962").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:15
S99	4	S97 and S57	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:16
S10 0	42561	first near10 rows	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:16
S10 1	31673	second near10 rows	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:16
S10 2	2	S54 same S100 same S101 same S57	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:17
S10 3	7080	group\$1 near3 rows	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:17
S10 4	127	S54 and S57 and S103	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:18
S10 5	3	S54 same S57 same S103	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:18
S10 6	783	348/294-324.ccls. and S57	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:23
S10 7	745	S106 and first and second	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:19
S10 8	348	S106 and rows and columns	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:19
S10 9	339	S107 and S108	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:19
S11 0	334	348/294-324.ccls. and S57 and (divid\$3 or split\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:24
S11 1	0	((imaging adj1 area) same (first adj1 S53) same (second adj1 S53)) and S57	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:24
S11 2	85	((S54) same (first adj1 S53) same (second adj1 S53)) and S57	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:26

S11 3	32715	plurality adj2 rows	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:27
S11 4	4	S54 same S57 same S113	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 10:27
S11 5	1586	arbitrary near2 (rows or lines)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:27
S11 6	0	S54 same S115 same S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:27
S11 7	67	S54 and S115 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:28
S11 8	203	348/362-367.ccls. and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:30
S11 9	736	S106 not S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:29
S12 0	6479072	region\$1 or area\$1 or portion	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:31
S12 1	693036	first near2 S120	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:31
S12 2	628105	second near2 S120	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:31
S12 3	167	(S118 or S119) and S121 and S122	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:53
S12 4	5	Mizutani-Yasushi.in. and casio.as. and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:50
S12 5	8	Nakamura-Yoshiaki.in. and casio.as. and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:49

S12 6	4	S124 and S125	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:49
S12 7	272231	top near2 S120	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:50
S12 8	276688	bottom near2 S120	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:50
S12 9	9	(S118 or S119) and S127 and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/04 10:53
S13 0	0	("6882366").URPN.	USPAT	OR	OFF	2005/05/04 13:39
S13 1	6	("5196939" "5272535" "5354977" "5438365" "5625412" "5668597").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/04 13:39
S13 5	137042	CCD	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:21
S13 6	124	(pixel adj1 binn\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:21
S13 7	4318836	region\$1 or area\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:21
S13 8	6968	(binn\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:21
S13 9	59577	(dynamic adj1 range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:22
S14 0	13	S135 and S136 and S137 and S139 and spectroscop\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:23
S14 1	74	S135 and S138 and S137 and S139 and spectroscop\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:34

S14 2	229	S135 and S138 and S137 and S139	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:24
S14 3	33	S135 and S136 and S137 and S139	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:24
S14 6	135	S142 not (S141 or S140 or S143)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:25
S14 8	61	S141 not S140	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/05 14:34